

	Ref #	Search Text
1	S1	("257").CLAS.
2	S2	((("257"/\$).CCLS.) and (vertical adj4 (gate or electrode))
3	S3	((("257"/\$).CCLS.) and (vertical adj3 (gate or electrode))
4	S4	(vertical adj3 (gate or electrode)) same ((source or drain) same channel)
5	S5	((vertical adj3 (gate or electrode)) same ((source or drain) same channel)) and ((("257"/\$).CCLS.)
6	S6	((vertical adj3 (gate or electrode)) same ((source or drain) same channel)) and ((("257"/\$).CCLS.)) and inverter
7	S7	("5140388"   "5198879"   "5234848"   "5504347").PN.
8	S8	"5777347".URPN.
9	S9	("4622569"   "4951102").PN.
10	S10	(vertical adj2 replacement adj2 (gate or electrode))
11	S11	"6300199".URPN.
12	S12	("3761785"   "6027975"   "6043122"   "6232229").PN.
13	S13	("4670768"   "5733811"   "5872037"   "5918155"   "5943574").PN.
14	S14	(vertical adj3 transistor)
15	S15	(vertical adj3 transistor) same (source with extension)
16	S16	(vertical adj3 transistor) same ((source with extension) same channel)
17	S17	((("6376312") or ("6300199") or ("6387758") or ("4670768") or ("6027975") or ("5140388") or ("5777347") or ("4366495") or ("4455565") or ("4587713") or ("4683643") or ("4786953") or ("4837606") or ("5342797") or ("6027975") or ("6072216") or ("6133099") or ("6197641") or ("6133164")).PN.

	<b>DBs</b>
<b>1</b>	<b>USPAT; USOCR</b>
<b>2</b>	<b>USPAT</b>
<b>3</b>	<b>USPAT</b>
<b>4</b>	<b>USPAT</b>
<b>5</b>	<b>USPAT</b>
<b>6</b>	<b>USPAT</b>
<b>7</b>	<b>USPAT</b>
<b>8</b>	<b>USPAT</b>
<b>9</b>	<b>USPAT</b>
<b>10</b>	<b>USPAT</b>
<b>11</b>	<b>USPAT</b>
<b>12</b>	<b>USPAT</b>
<b>13</b>	<b>USPAT</b>
<b>14</b>	<b>USPAT</b>
<b>15</b>	<b>USPAT</b>
<b>16</b>	<b>USPAT</b>
<b>17</b>	<b>USPAT; USOCR</b>

	Ref #	Search Text
18	S18	((("6376312") or ("6300199") or ("6387758") or ("4670768") or ("6027975") or ("5140388") or ("5777347") or ("4366495") or ("4455565") or ("4587713") or ("4683643") or ("4786953") or ("4837606") or ("5342797") or ("6027975") or ("6072216") or ("6133099") or ("6197641") or ("6133164")).PN.) and "CMOS"
19	S19	("4622569"   "4951102").PN.
20	S20	("3893155"   "4131907"   "4229756").PN.
21	S21	("5140388"   "5198879"   "5234848"   "5504347").PN.
22	S22	"5777347".URPN.
23	S23	("5595922"   "5861347"   "5918116"   "5920779").PN.
24	S24	("5153144"   "5188976"   "5210056"   "5244843"   "5427966"   "5432112"   "5502009").PN.
25	S25	( (vertical adj3 (transistor or gate or electrode)) with Complement\$4) and (monroe.\$in.)
26	S26	( (vertical adj3 (transistor or gate or electrode)) with Complement\$4) and (monroe.in.)
27	S27	( (vertical adj3 (transistor or gate or electrode)) with Complement\$4) and (monroe-\$in.)
28	S28	( (vertical adj3 (transistor or gate or electrode)) with Complement\$4) and (hergenrother-\$in.)
29	S29	(vertical adj3 (transistor or gate or electrode)) with Complement\$4
30	S30	( (vertical adj3 (transistor or gate or electrode)) with Complement\$4) and ("438"/\$ or "257"/\$)
31	S31	(source or drain) near4 extension
32	S32	("438").CLAS.
33	S33	("257").CLAS.
34	S34	((source or drain) near4 extension) and ("438"/\$).CCLS.)
35	S35	(vertical adj2 replacement adj2 (gate or electrode))
36	S36	(vertical near4 (gate or electrode))
37	S37	( (vertical near4 (gate or electrode)) ) with (CMOS)

	<b>DBs</b>
<b>18</b>	<b>USPAT</b>
<b>19</b>	<b>USPAT</b>
<b>20</b>	<b>USPAT</b>
<b>21</b>	<b>USPAT</b>
<b>22</b>	<b>USPAT</b>
<b>23</b>	<b>USPAT</b>
<b>24</b>	<b>USPAT</b>
<b>25</b>	<b>USPAT</b>
<b>26</b>	<b>USPAT</b>
<b>27</b>	<b>USPAT</b>
<b>28</b>	<b>USPAT</b>
<b>29</b>	<b>USPAT</b>
<b>30</b>	<b>USPAT</b>
<b>31</b>	<b>USPAT</b>
<b>32</b>	<b>USPAT; USOCR</b>
<b>33</b>	<b>USPAT; USOCR</b>
<b>34</b>	<b>USPAT</b>
<b>35</b>	<b>USPAT</b>
<b>36</b>	<b>USPAT</b>
<b>37</b>	<b>USPAT</b>

	<b>Ref #</b>	<b>Search Text</b>
<b>38</b>	<b>S38</b>	(( (vertical near4 (gate or electrode)) ) with (CMOS)) same ((different or various or multiple) near2 (voltages and oxides))
<b>39</b>	<b>S39</b>	((different or various or multiple) with (voltages and oxides))
<b>40</b>	<b>S40</b>	( (vertical near4 (gate or electrode)) ) and ( ((different or various or multiple) with (voltages and oxides)) )
<b>41</b>	<b>S41</b>	(vertical near4 (gate or electrode or transistor or MOS))
<b>42</b>	<b>S42</b>	( (vertical near4 (gate or electrode or transistor or MOS)) ) and ( ((different or various or multiple) with (voltages and oxides)) )
<b>43</b>	<b>S43</b>	(high near2 voltage) same (low near2 voltage)
<b>44</b>	<b>S44</b>	( (vertical near4 (gate or electrode or transistor or MOS)) ) and ((high near2 voltage) same (low near2 voltage))
<b>45</b>	<b>S45</b>	( (vertical near4 (gate or electrode or transistor or MOS)) ) same ((high near2 voltage) same (low near2 voltage))
<b>46</b>	<b>S47</b>	("6686604").PN.
<b>47</b>	<b>S48</b>	(high near3 voltage) same (low near3 voltage)
<b>48</b>	<b>S49</b>	(high near3 voltage) same (low near3 voltage)
<b>49</b>	<b>S50</b>	S49 same "CMOS"
<b>50</b>	<b>S51</b>	S50 same gate
<b>51</b>	<b>S52</b>	(("438") or ("257")).CLAS.
<b>52</b>	<b>S53</b>	S51 and S52

	<b>DBs</b>
<b>38</b>	<b>USPAT</b>
<b>39</b>	<b>USPAT</b>
<b>40</b>	<b>USPAT</b>
<b>41</b>	<b>USPAT</b>
<b>42</b>	<b>USPAT</b>
<b>43</b>	<b>USPAT</b>
<b>44</b>	<b>USPAT</b>
<b>45</b>	<b>USPAT</b>
<b>46</b>	<b>USPAT</b>
<b>47</b>	<b>USPAT</b>
<b>48</b>	<b>US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB</b>
<b>49</b>	<b>US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB</b>
<b>50</b>	<b>US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB</b>
<b>51</b>	<b>USPAT</b>
<b>52</b>	<b>USPAT</b>

	Ref #	Search Text
53	S54	("4366495" "4455565" "4587713" "4670768" "4683643" "4786953" "4837606" "4951102" "5010386" "5140388" "5208172" "5342797" "5414289" "5502009" "5545586" "5554870" "5576238" "5668391" "5744846" "5861347" "5864158" "6475866" "6027975" "6072216" "6133099" "6133164" "6197641" "6268621" "6297531" "6300199" "6309930" "6387758").PN.).PN.
54	S55	("4366495" "4455565" "4587713" "4670768" "4683643" "4786953" "4837606" "4951102" "5010386" "5140388" "5208172" "5342797" "5414289" "5502009" "5545586" "5554870" "5576238" "5668391" "5744846" "5861347" "5864158" "6475866" "6027975" "6072216" "6133099" "6133164" "6197641" "6268621" "6297531" "6300199" "6309930" "6387758").PN.
55	S56	(US-4670768-\$ or US-5010386-\$ or US-5126807-\$ or US-5140388-\$ or US-5272104-\$ or US-5304821-\$ or US-5502009-\$ or US-5506421-\$ or US-5580816-\$ or US-5637898-\$ or US-5777347-\$ or US-5795801-\$ or US-5861347-\$ or US-6027975-\$ or US-6040609-\$ or US-6300199-\$ or US-6309930-\$ or US-6376312-\$ or US-6387758-\$ or US-6686604-\$ or US-4657628-\$).did.
56	S57	S55 not S56
57	S58	(vertical adj3 transistor)
58	S59	((vertical adj3 (gate or electrode)) same ((source or drain) same channel))
59	S60	((vertical adj3 (gate or electrode)) same ((source or drain) same channel))
60	S61	((vertical adj3 (gate or electrode)) same ((source or drain) same channel))
61	S62	((vertical adj3 (gate or electrode)) same ((source or drain) same channel))
62	S63	(@ad < "20010921" or @rlad < "20010921") and S62

	<b>DBs</b>
<b>53</b>	<b>USPAT</b>
<b>54</b>	<b>USPAT</b>
<b>55</b>	<b>USPAT</b>
<b>56</b>	<b>USPAT</b>
<b>57</b>	<b>USPAT</b>
<b>58</b>	<b>USPAT</b>
<b>59</b>	<b>US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB</b>
<b>60</b>	<b>US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB</b>
<b>61</b>	<b>US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB</b>
<b>62</b>	<b>US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB</b>